Listing of Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

1. (Previously presented) A method of navigating data stored on a data storage device connected to a computer, comprising the steps of:

in response to receiving user input, selecting a target object in an information catalog; and

providing information about source data from which the target object was derived via a transformation performed on said source data to derive said target object.

2. (Previously presented) The method of claim 1, wherein the target object is represented as a node in a tree structure.

3. (Previously presented) The method of claim 1, wherein the step of providing information further includes providing transformation information, said transformation information comprising information about a transformation performed on said source data to derive said target object.

4. (Previously presented) The method of claim 3, wherein the step of providing said transformation information further comprises identifying a transformation producing function used to transform said source data.

5. (Previously presented) The method of claim 1, wherein the step of providing said information further comprises providing lineage information which identifies said source data.

6. (Previously presented) The method of claim 5, further comprising the step of maintaining transformation models for use in providing the lineage information, said transformation models maintaining information about the source data of the target object.

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7. (Previously presented) An apparatus for navigating data, comprising:

a computer having a memory and a data storage device coupled thereto that stores the data;

one or more computer programs, performed by the computer, for, in response to receiving user input, selecting a target object in an information catalog and providing information about source data from which the target object was derived via a transformation performed on said source data.

8. (Previously presented) The apparatus of claim 7, wherein the target object is represented as a node in a tree structure.

9. (Previously presented) The apparatus of claim 7, wherein said one or more computer programs comprise means for providing transformation information, said transformation information comprising information about a transformation performed on said source data to derive said target object.

10. (Previously presented) The apparatus of claim 9, wherein the transformation information identifies a transformation producing function used to transform said source.

11. (Previously presented) The apparatus of claim 7, wherein said one or more computer programs comprise means for providing lineage information which identifies said source data.

12. (Previously presented) The apparatus of claim 11, further comprising means for maintaining transformation models for use in providing the lineage information, said transformation models maintaining information about the source data of the target object.

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13. (Previously presented) An article of manufacture comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform method steps for navigating data stored on a data storage device, the method comprising:

in response to receiving user input, selecting a target object in an information catalog, the target object being derived by a transformation performed on source data; and

providing information about the source data from which the target object was derived.

14. (Previously presented) The article of manufacture of claim 13, wherein the target object is represented as a node in a tree structure.

15. (Previously presented) The article of manufacture of claim 13, wherein the step of providing information further comprises providing transformation information, said transformation information comprising information about a transformation performed on said source data to derive said target object.

16. (Previously presented) The article of manufacture of claim 15, wherein the step of providing transformation information further comprises identifying a transformation producing function used to transform said data source.

17. (Previously presented) The article of manufacture of claim 13, wherein the step of providing said information further comprises providing lineage information which identifies said source data.

18. (Previously presented) The article of manufacture of claim 17, wherein said method further comprises the step of maintaining transformation models for use in providing the lineage information, said transformation models maintaining information about the source data of the target object.

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19. (Previously presented) A method of navigating data in a data warehouse stored in a data storage device connected to a computer, comprising:

receiving user input selecting a target object, said target object derived from one or more transformations performed on one or more sources of data;

selecting the target object in response to receiving said user input; and

providing information about at least one of said one or more sources of data.

20. (Previously presented) The method of claim 19, wherein the target object is represented as a node in a tree structure.

21. (Previously presented) The method of claim 19, wherein said information is represented as a node in a tree structure.

22. (Previously presented) The method of claim 19, wherein said information comprises information about at least one of said one or more transformations performed on said one or more sources of data to derive said target object.

23. (Previously presented) The method of claim 22, wherein said information identifies a transformation producing function used by at least one of said one or more transformations.

24. (Previously presented) The method of claim 22, wherein said information identifies program logic for at least one of said one or more transformations.

25. (Previously presented) The method of claim 19, wherein said information comprises lineage information which identifies at least one of said one or more sources.

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26. (Previously presented) The method of claim 25, further comprising maintaining one or more transformation models for providing said lineage information, said one or more transformation models maintaining information about said one or more sources of data.

27. (Previously presented) A computer-readable medium having contents for causing a computer-based information handling system to perform steps for navigating data in a data warehouse stored in a data storage device connected to a computer-based information handling system, the steps comprising:

receiving user input selecting a target object, said target object derived by one or more transformations performed on one or more sources of data;

selecting the target object in response to receiving said user input; and

providing information about at least one of said one or more sources of data.

28. (Previously presented) A system for navigating data in a data warehouse stored in a data storage device connected to a computer-based information handling system, comprising:

a plurality of objects, including a target object, said target object derived via one or more transformations performed on one or more sources of data;

a transformation lineage system which stores transformation lineage information for the target object, said transformation lineage information associating the target object with said one or more transformations and identifying said one or more data sources;

a user interface for receiving user input for selecting a selected one of said plurality of objects; and

said user interface configured to display said transformation lineage information in response to receiving user input selecting said target object.

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